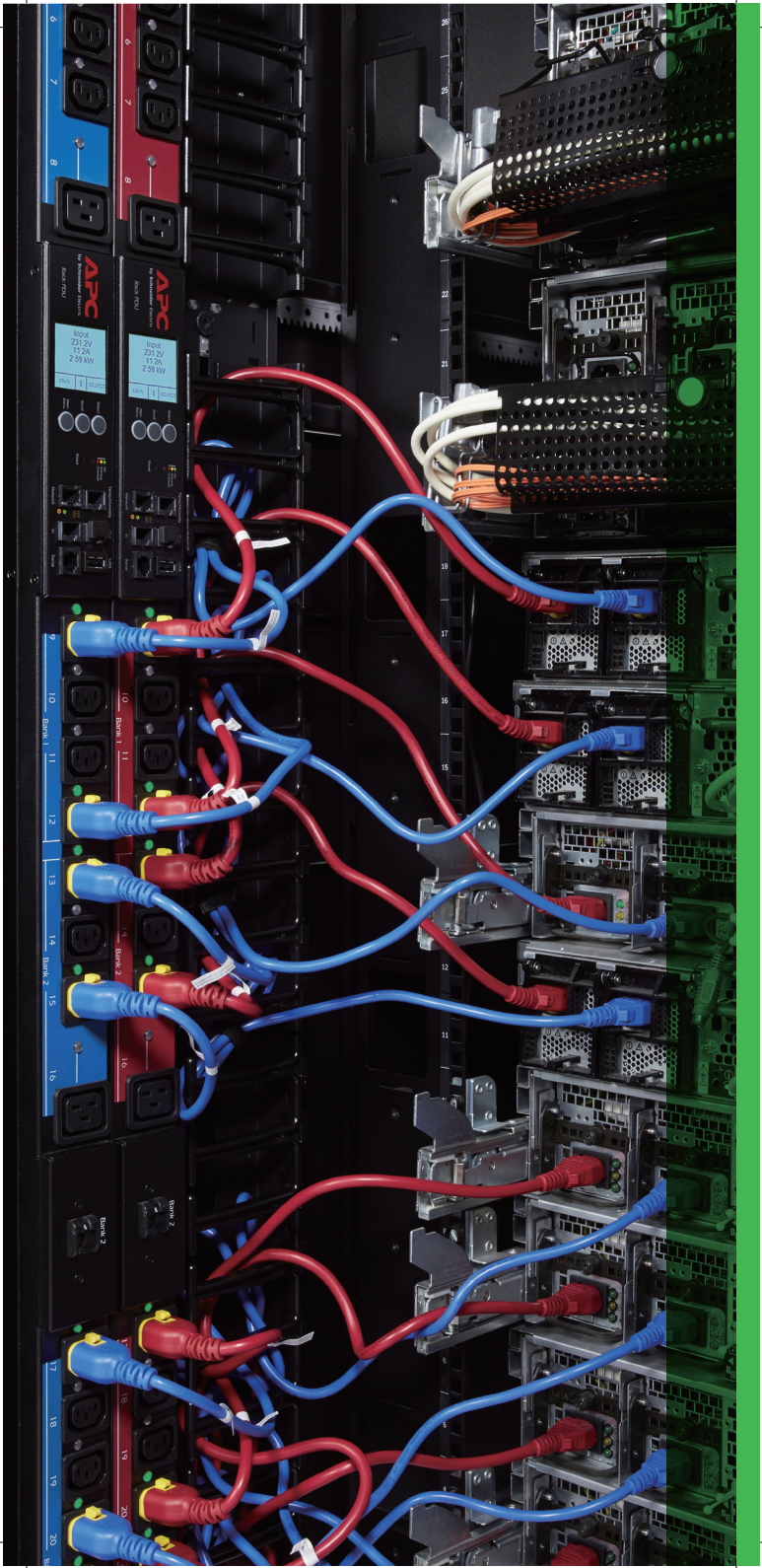


Rack power distribution and rack systems worldwide

[apc.com](http://apc.com)

Life Is On







# Introduction

APC™ by Schneider Electric offers a wide array of standardized Rack Power Distribution Units (PDUs) designed to increase manageability and efficiency in your data center.

## Basic Rack PDUs

- Reliable power distribution

## Metered Rack PDUs

- Real-time remote monitoring of connected loads
- User-defined alarms warn IT and data center managers of potential circuit overloads to prevent accidental power loss to critical equipment

## Switched Rack PDUs

- Metered functionality
- Individual outlet control to power cycle outlets
- Manage on/off equipment sequencing

## Metered-by-outlet Rack PDUs

- Provide greater power management
- Individual outlet-level power metering
- User-resettable energy (kWh) logs for capacity planning and energy-efficiency initiatives

## AP8000 Series Rack PDUs

The AP8000 Series Rack PDU platform will help IT and facilities managers more effectively manage power capacity and functionality for critical network, server, and data center equipment. These Rack PDUs solve rack-level power needs while incorporating intelligent features, such as real power measurement and environmental monitoring, all in a space-efficient, zero-U form factor. AP8000 Series Rack PDUs include active power metering and remote alarming with volts, amps, real power (kW), and energy (kWh) measurements.

Access the latest electronic version of this brochure at:  
[www.apc.com/wp?br=4](http://www.apc.com/wp?br=4)



# Product feature by Rack PDU by family/series

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## Design features

Ultralow-profile, space-saving design

Hydraulic-magnetic circuit breakers  
(in units configured with circuit breakers)

Ultralow-profile circuit breakers (for units with breakers)

Locking IEC receptacles and locking power cord compatible

Environmental monitoring port for external  
temperature/humidity monitoring

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## Display and network management

Full-featured network management capability via Web, SNMP, Telnet

Two-digit, seven-segment LED display

User-interactive LCD display for local access

Field-replaceable network management module

Network port sharing (up to four Rack PDUs  
share one IP address in one enclosure)

Local USB port for easy local firmware updates

---

## Metering capability

Active current measurements (amps)

Active power measurements  
(including volts, amps, real power (kW), and energy (kWh))

User-customizable alarms and warnings

Embedded log memory to record/review/report historic metered data

Individual outlet power metering

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## Outlet control

Individual outlet remote power on/off control

Power-on sequencing and time delays with full user customization

Outlet level grouping (multiple outlets in same or multiple units  
follow single command)

User access control with assignable roles, access levels at  
device and outlet level

Outlet grouping feature for synchronized control of outlets on  
multiple Rack PDUs

---

## Maintenance and upgradeability

Redundant internal power supply for improved Switched  
Rack PDU reliability

Field-replaceable network management module

\*Not applicable on AP8965.

4 | [apc.com](http://apc.com)



Basic	Metered		Metered-by-outlet	Switched		Metered-by-outlet with Switching
	AP7800 Series	AP8800 Series	AP8400 Series	AP7900 Series	AP8900 Series	AP8600 Series
✓	✓	✓	✓	✓	✓	✓
✓	✓	✓	✓	✓	✓	✓
		✓	✓		✓*	✓
		✓	✓		✓	✓
		✓	✓		✓	✓
	✓	✓	✓	✓	✓	✓
	✓			✓		
		✓	✓		✓	✓
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		✓	✓		✓	✓
	✓	✓	✓	✓	✓	✓
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			✓			✓
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				✓	✓	✓
		✓	✓		✓	✓



# Basic Rack PDUs

APC Basic Rack PDUs provide reliable power distribution via a single input with multiple output receptacles and distribute power from low-amperage, single-phase circuits to higher-power, three-phase solutions.

Voltage	Mounting U-space	Nominal voltage	Region	Input circuit	Nominal power	Input
100 – 120 V input	Vertical, 0U	100 – 120	NAM, LAM	15 A	1.4 kW	1
	Vertical, 0U	120	NAM	20 A	1.9 kW	1
	Vertical, 0U	100 – 120	NAM	20 A	1.9 kW	1
	Vertical, 0U	100 – 120	Japan	20 A	2.0 kW	1
	Vertical, 0U	120	NAM	30 A	2.9 kW	1
	Vertical, 0U	100	Japan	30 A	3.0 kW	1
	Horizontal, 1U	100 – 120	NAM, LAM	15 A	1.4 kW	1
	Horizontal, 1U	100 – 120	NAM	20 A	1.9 kW	1
	Horizontal, 1U	100 – 120	NAM	20 A	1.9 kW	1
	Horizontal, 1U	100 – 120	NAM	30 A	2.9 kW	1
200 – 240 V input	Vertical, 0U	120 – 240	Worldwide	10 A	2.3 kW	1
	Vertical, 0U	230	GCN	16 A	3.5 kW	1
	Vertical, 0U	230	GCN	16 A	3.5 kW	1
	Vertical, 0U	120 – 230	Worldwide	16 A	3.3 kW	1
	Vertical, 0U	230	LAM, EMEA, GCN, APJ	16 A	3.7 kW	1
	Vertical, 0U	230	Worldwide	16 A	3.7 kW	1
	Vertical, 0U	200 – 240	NAM	20 A	3.3 kW	1
	Vertical, 0U	200 – 240	NAM	30 A	5.0 kW	1
	Vertical, 0U	230	GCN	32 A	7.0 kW	1
	Vertical, 0U	230	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1
	Horizontal, 1U	230	GCN	16 A	3.5 kW	1
	Horizontal, 1U	230	GCN	16 A	3.5 kW	1
	Horizontal, 1U	120 – 240	Worldwide	16 A	3.7 kW	1
	Horizontal, 1U	100 – 240	Worldwide	16 A	3.7 kW	1
	Horizontal, 1U	208	NAM, LAM	20 A	3.3 kW	1
	Horizontal, 1U	208	NAM	30 A	5.0 kW	1
	Horizontal, 1U	200 – 240	NAM, LAM	30 A	5.0 kW	1
	Horizontal, 2U	230	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1
	Horizontal, 2U	230	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1

\* See pages 20 – 21 for inlet power cord options

## Rack PDU mounting styles

- Horizontal 1/2U mounting





Input plug type	Output receptacles	Cord length	APC SKU
NEMA 5-15P	(14) 5-15	3.6 m	AP9567
NEMA L5-20P	(24) 5-20	3.0 m	AP7530
NEMA L5-20P	(14) 5-15	3.6 m	AP9551
NEMA L5-20P	(24) 5-15	3.0 m	AP7530J
NEMA L5-30P	(24) 5-20	3.0 m	AP7532
NEMA L5-30P	(24) 5-15	3.0 m	AP7532J
NEMA 5-15P	(10) 5-15	3.6 m	AP9562
NEMA 5-20P	(10) 5-20	3.6 m	AP9563
NEMA L5-20P	(10) 5-20	3.6 m	AP9564
NEMA L5-30P	(10) 5-20	3.6 m	AP9560
IEC-320 C14*	(15) C13	2.0 m	AP9568
IEC-309 16 A	(14) C13 (4) C19	1.0 m	AP6351CH
IEC-309 16 A	(18) C13 (6) C19	1.0 m	AP6451CH
IEC-320 C20	(15) C13	2.5 m	AP9572
IEC-309 16 A	(20) C13 (4) C19	1.0 m	AP7551
IEC-320 C20*	(20) C13 (4) C19	3.0 m	AP7552
NEMA L6-20P	(20) C13 (4) C19	3.0 m	AP7540
NEMA L6-30P	(20) C13 (4) C19	3.0 m	AP7541
IEC-309 32 A	(18) C13 (6) C19	2.0 m	AP6453CH
IEC-309 32 A	(20) C13 (4) C19	3.0 m	AP7553
IEC-320 C20	(8) GB	Inlet	AP6201CH
IEC-320 C20	(20) C13	Inlet	AP6221CH
IEC-320 C20*	(10) C13 (2) C19	2.5 m	AP9559
IEC-320 C20*	(12) C13	2.5 m	AP9565
NEMA L6-20P	(12) C13	3.6 m	AP9566
NEMA L6-30P	(4) C19	3.0 m	AP9570
NEMA L6-30P	(10) C13	3.6 m	AP9571A
Hardwire	(4) C19	8.5 m	AP7585
Hardwire	(4) IEC-309 32A	8.5 m	AP7586

- Vertical 0U mounting with toolless mounting



- Space-saving 0U mounting options (AR7711)



## Basic Rack PDUs (continued ...)

Voltage	Mounting U-space	Nominal voltage	Region	Input circuit	Nominal power	Input
208 V three-phase input	Vertical, 0U	208	NAM	20 A, 3 $\phi$	5.8 kW	1
	Vertical, 0U	208	NAM	20 A, 3 $\phi$	5.8 kW	1
	Vertical, 0U	208	NAM	20 A, 3 $\phi$	5.8 kW	1
	Vertical, 0U	208	NAM	20 A, 3 $\phi$	5.8 kW	1
	Vertical, 0U	200 – 240	NAM	50 A, 3 $\phi$	12.5 kW	1
	Vertical, 0U	200 – 240	NAM	50 A, 3 $\phi$	12.5 kW	1
	Vertical, 0U	200 – 240	NAM	50 A, 3 $\phi$	14.4 kW	1
	Vertical, 0U	200 – 240	NAM	50 A, 3 $\phi$	14.4 kW	1
	Vertical, 0U	208	NAM	50 A, 3 $\phi$	12.5 kW	1
	Horizontal, 1U	200 – 240	NAM	50 A, 3 $\phi$	14.4 kW	1
	Horizontal, 2U	120 – 208	NAM	30 A, Split $\phi$	5.8 kW	1
	Horizontal, 2U	120 – 208	NAM	30 A, Split $\phi$	5.8 kW	1
	Horizontal, 2U	120 – 208	NAM	30 A, Split $\phi$	5.8 kW	1
	Horizontal, 2U	120 – 208	NAM	30 A, Split $\phi$	5.8 kW	1
	Horizontal, 2U	120 – 208	NAM	30 A, Split $\phi$	5.8 kW	1
400 – 415 V three-phase input	Vertical, 0U	400	LAM, EMEA, GCN, APJ	16 A, 3 $\phi$	11 kW	1
	Vertical, 0U	400	LAM, EMEA, GCN, APJ	16 A, 3 $\phi$	22 kW	1
	Vertical, 0U	415	NAM	20 A, 3 $\phi$	11.5 kW	1
	Horizontal, 1U	400	LAM, EMEA, GCN, APJ	32 A, 3 $\phi$	22 kW	1







































### Choosing APC Rack PDUs

Use the Rack PDU Selector to help you choose from our diverse Rack PDUs, designed to meet the needs of entry-level networking equipment and high-density server and blade environments.



[apc.com/tools/selector/pdu/](http://apc.com/tools/selector/pdu/)



il	Input plug type	Output receptacles	Cord length	APC SKU
	NEMA L21-20P 	(42) 5-20 	1.0 m	AP7562
	NEMA L21-20P 	(42) 5-20 	3.0 m	AP7592
	NEMA L21-20P 	(21) 5-20  (6) L6-20 	1.0 m	AP7563
	NEMA L21-20P 	(36) C13  (6) C19 	1.0 m	AP7564
	CS8365C 	(30) C13  (6) C19 	1.0 m	AP7568
	CS8365C 	(30) C13  (6) C19 	3.0 m	AP7598
	CS8365C 	(24) C13  (4) C19  (2) L6-30 	1.0 m	AP7569
	CS8365C 	(24) C13  (4) C19  (2) L6-30 	3.0 m	AP7599
	CS8365C 	(6) C19  (3) C13 	1.8 m	AP7567A
	CS8365C 	(6) C19 	2.4 m	AP7516
	NEMA L14-30P 	(4) L5-20 	8.5 m	AP7580
	NEMA L14-30P 	(4) L6-20 	8.5 m	AP7581
	NEMA L14-30P 	(12) 5-20 	8.5 m	AP7582
	NEMA L14-30P 	(4) L5-30 	8.5 m	AP7583
	NEMA L14-30P 	(4) L6-30 	8.5 m	AP7584
	IEC-309 16 A 3P+N+PE 	(36) C13  (6) C19 	1.0 m	AP7557
	IEC-309 32 A 3P+N+PE 	(6) C19  (3) C13 	1.8 m	AP7555A
	IEC-309 20 A 3P+N+PE 	(36) C13  (6) C19 	1.0 m	AP7557NA
	IEC-309 32 A 3P+N+PE 	(6) C19 	2.4 m	AP7526

The APC Rack PDU Selector can filter Rack PDU selection by:

- Family type
- Output voltage
- Mount style (vertical or horizontal)
- Input plug
- Localized price

A wide selection of APC Rack PDUs are also available in Schneider Electric Design Portal tools such as:

- InfraStruxure™ Designer
- Small IT Solution Designer

# Metered Rack PDUs

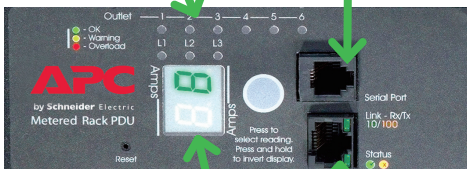
Voltage	Mounting U-space	Nominal voltage	Region	Input circuit	Nominal power	Input
100 – 120 V input	Vertical, 0U	100 – 120	NAM, Japan	15 A	1.4 kW	1
	Vertical, 0U	100 – 120	NAM	20 A	1.9 kW	1
	Vertical, 0U	100 – 120	Japan	20 A	2.0 kW	1
	Vertical, 0U	100 – 120	Japan	20 A	1.9 kW	1
	Vertical, 0U	100 – 120	NAM, Japan	30 A	2.9 kW	1
	Vertical, 0U	100 – 120	Japan	30 A	2.4 kW	1
	Horizontal, 1U	120	NAM, LAM	15 A	1.4 kW	1
	Horizontal, 1U	120	NAM, LAM	20 A	1.9 kW	1
	Horizontal, 2U	120	NAM, LAM	30 A	2.9 kW	1
	Horizontal, 2U	100	Japan	30 A	3.0 kW	1
200 – 240 V input	Vertical, 0U	230	Worldwide	10/15 A	2.3 kW	1
	Vertical, 0U	100 – 240	Worldwide	16 A	3.3 kW	1
	Vertical, 0U	100 – 240	EMEA, APJ,	16 A	3.7 kW	1
	Vertical, 0U	100 – 240	NAM, LAM GCN, APJ	20 A	3.3 kW	1
	Vertical, 0U	200 – 240	NAM, Japan LAM	30 A	5.0 kW	1
	Vertical, 0U	208	NAM	30 A	5.8 kW	1
	Vertical, 0U	220 – 240	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1
	Horizontal, 1U	100 – 240	Worldwide	10/15 A	2.5 kW	1
	Horizontal, 1U	100 – 240	Worldwide	16 A	3.3 kW	1
	Horizontal, 2U	200 – 240	NAM	30 A	5.0 kW	1
	Horizontal, 2U	230	LAM, EMEA, GCN, APJ	32A	7.4 kW	1

\* See pages 20 – 21 for inlet power cord options

## Rack PDU local display

Load indicator LEDs

Serial connection: local configuration and out-of-band management



AP7000 series

Local two-digit LED current monitoring display

Network management: access, configure, and receive warnings from remote locations via Web, SNMP, and Telnet

Metered Rack PDUs provide real-time remote monitoring of connected loads. User-defined alarms warn of potential circuit overloads before critical IT failures occur.

Input plug type	Output receptacles	Cord length	APC SKU
NEMA 5-15P	(16) 5-15	3.0 m	AP8831
NEMA L5-20P	(24) 5-20	3.0 m	AP8830
NEMA L5-20P	(24) 5-15	3.0 m	AP8830J
NEMA L5-20P	(10) 5-15	3.0 m	AP8833J
NEMA L5-30P	(24) 5-20	3.0 m	AP8832
NEMA L5-30P	(24) 5-15	3.0 m	AP8832J
NEMA 5-15P	(8) 5-15	3.6 m	AP7800
NEMA L5-20P	(8) 5-20	3.6 m	AP7801
NEMA L5-30P	(16) 5-20	3.6 m	AP7802
NEMA L5-30P	(16) 5-15	3.6 m	AP7802J
IEC-320 C14	(16) C13	3.0 m	AP7850
IEC-320 C20*	(18) C13 (2) C19	Inlet	AP8858
IEC-309 16 A	(18) C13 (2) C19	3.0 m	AP8858EU3
NEMA L6-20P	(18) C13 (2) C19	3.0 m	AP8858NA3
NEMA L6-30P	(36)C13 (6) C19	3.0 m	AP8841
NEMA L14-30P	(16) 5-20 (2) C19 (12)	3.0 m	AP8870
IEC-309 32 A	(36)C13 (6) C19	3.0 m	AP8853
IEC-320 C14*	(8) C13	Inlet	AP7820
IEC-320 C20*	(8) C13	Inlet	AP7821
NEMA L6-30P	(12) C13 (4) C19	3.6 m	AP7811
IEC-309 32 A	(12) C13 (4) C19	3.6 m	AP7822

User-interactive display for local access

Environmental monitoring port for external temperature/humidity probe



AP8000 series

CAN In/Out ports for network port sharing

Local USB port for flash firmware updates and downloading data/event logs (not to be used as serial port)

## Metered Rack PDUs (continued ...)

Voltage	Mounting U-space	Nominal voltage	Region	Input circuit	Nominal power	Input
208 V three-phase input	Vertical, 0U	208	NAM	20A, 3 $\Phi$	5.7 kW	1
	Vertical, 0U	208	NAM	20 A, 3 $\Phi$	5.7 kW	1
	Vertical, 0U	208	NAM	20 A, 3 $\Phi$	5.7 kW	1
	Vertical, 0U	208	NAM	30 A, 3 $\Phi$	8.6 kW	1
	Vertical, 0U	200 – 240	NAM	50 A, 3 $\Phi$	10.0 kW	1
	Vertical, 0U	200 – 240	NAM	50 A, 3 $\Phi$	14.4 kW	1
	Vertical, 0U	200 – 240	NAM	50 A, 3 $\Phi$	14.4 kW	1
	Vertical, 0U	200 – 240	NAM	60 A, 3 $\Phi$	17.3 kW	1
	Vertical, 0U	200 – 240	NAM	60 A, 3 $\Phi$	17.3 kW	1
400 – 415 V three-phase input	Vertical, 0U	400 – 415	Worldwide	16 A, 3 $\Phi$	11 kW	1
	Vertical, 0U	415	NAM	30 A, 3 $\Phi$	17.3 kW	1
	Vertical, 0U	400	LAM, EMEA, GCN, APJ	32 A, 3 $\Phi$	22 kW	1
	Vertical, 0U	415	NAM	40 A, 3 $\Phi$	23 kW	1

### What is metered on AP8800, AP8400, AP8900, and AP8600 Series Rack PDUs?

- **Device:** Power and energy
- **Phase:** Current,\* power, and voltage
- **Internal circuit breaker (bank):** Current\*
- **Outlet:** Current, power, energy (AP8600 & AP8400 Series only)

\*AP7000 series monitors current per phase and breaker only.

Input plug type	Output receptacles	Cord length	APC SKU
NEMA L21-20P	(36) 5-20	3.0 m	AP8862
NEMA L21-20P	(24) 5-20 (6) L6-20	3.0 m	AP8863
NEMA L21-20P	(36) C13 (2) 5-20 (6) C19	1.8 m	AP8861
NEMA L21-30P	(36) C13 (2) 5-20 (6) C19	1.8 m	AP8865
CS8365C	(36) C13 (6) C19	1.8 m	AP8868
CS8365C	(24) C13 (2) L6-30 (4) C19	1.0 m	AP7869
CS8365C	(24) C13 (2) L6-30 (4) C19	3.0 m	AP7899
IEC-309 60 A 3P+PE	(12) C19 (6) C13	1.8 m	AP8866
IEC-309 60 A 3P+PE	(30) C13	1.8 m	AP8867
IEC-309 16 A 3P+N+PE	(36) C13 (6) C19	1.8 m	AP8881
IEC-309 30 A 3P+N+PE	(12) C19 (30) C13	1.8 m	AP8887
IEC-309 32 A 3P+N+PE	(12) C19 (30) C13	1.8 m	AP8886
IEC-309 60 A 3P+N+PE	(12) C19 (30) C13	1.8 m	AP8888

### Why do we meter?

- **Device:** Rack level capacity change, planning, and efficiency calculations
- **Phase:** Balance loads between phases to protect against tripping upstream branch circuit breakers
- **Internal circuit breaker (bank):** Protect against tripping internal circuit breakers
- **Outlet:** Detailed capacity change, equipment efficiency, and trends

## Metered-by-outlet Rack PDUs

Metered-by-outlet Rack PDUs provide real-time remote monitoring of each individual outlet to empower IT professionals with the necessary tools for advanced data center energy management.

Voltage	Mounting U-space	Nominal voltage	Region	Input circuit	Nominal power	Input
100 – 120 V input	Vertical, 0U	100 – 240	Worldwide	16 A	3.3 kW	1
200 – 240 V input	Vertical, 0U	200 – 240	NAM, LAM, Japan	20 A	3.3 kW	1
	Vertical, 0U	200 – 240	LAM, EMEA, GCN, APJ	16 A	3.7 kW	1
	Vertical, 0U	200 – 240	NAM, Japan, LAM	30 A	5.0 kW	1
	Vertical, 0U	200 – 240	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1
208 V three-phase	Vertical, 0U	208	NAM	20A, 3Φ	5.7 kW	1
400 – 415 V three-phase input	Vertical, 0U	400 – 415	Worldwide	16A, 3Φ	11 kW	1

\* See pages 20 – 21 for inlet power cord options

### Rack PDU software options






















APC Intelligent Rack PDUs provide remote power utilization data and optional outlet control to allow data center managers to make informed decisions on load balancing and rightsizing IT environments to lower total cost of ownership. Latest feature additions include Cisco EnergyWise™, wireless sensor capability, and network port sharing.



**Remote access to Intelligent Rack PDUs is available via:**

- Web browser
- Telnet (CLI)
- SNMP

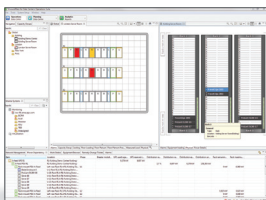


il	Input plug type	Output receptacles	Cord length	APC SKU
	IEC-320 C20* 	(21) C13  (3) C19 	3.0 m	AP8459WW
	NEMA L6-20P 	(21) C13  (3) C19 	3.0 m	AP8459NA3
	IEC-309 16 A 	(21) C13  (3) C19 	3.0 m	AP8459EU3
	NEMA L6-30P 	(21) C13  (3) C19 	3.0 m	AP8441
	IEC-309 32 A 	(21) C13  (3) C19 	3.0 m	AP8453
	NEMA L21-20P 	(21) C13  (3) C19 	1.8 m	AP8461
	IEC-309 16 A 3P+N+PE 	(21) C13  (3) C19 	1.8 m	AP8481



## Integration with StruxureWare for Data Centers Software

APC Rack PDUs, when combined with StruxureWare™ Data Center Operations, help provide an instant overview of data center operations with additional inventory management, PUE calculation, real-time device alarms, and location-based drill-down of power distribution.



# Switched Rack PDUs

Voltage	Mounting U-space	Nominal voltage	Region	Input circuit	Nominal power	Input type
100 – 120 V input	Vertical, 0U	100 – 120	NAM, Japan	15 A	1.4 kW	1P+N
	Vertical, 0U	120	NAM	20 A	1.9 kW	1P+N
	Vertical, 0U	100	Japan	20 A	1.9 kW	1P+N
	Vertical, 0U	120	NAM, Japan	30 A	2.9 kW	1P+N
	Horizontal, 1U	100 – 120	NAM, LAM	15 A	1.4 kW	1P+N
	Horizontal, 1U	100 – 120	NAM	20 A	1.9 kW	1P+N
	Horizontal, 2U	120	NAM	30 A	2.9 kW	1P+N
	Horizontal, 2U	100	Japan	32 A	3.0 kW	1P+N
200 – 240 V input	Vertical, 0U	230	EMEA, GCN, APJ	10 A	2.3 kW	1P+N
	Vertical, 0U	100 – 240	NAM, LAM	20 A	3.3 kW	1P+N
	Vertical, 0U	100 – 240	Worldwide	16 A	3.3 kW	1P+N
	Vertical, 0U	230	LAM, EMEA, GCN, APJ	16 A	3.7 kW	1P+N
	Vertical, 0U	100 – 240	NAM, LAM	20 A	3.3 kW	1P+N
	Vertical, 0U	100 – 240	Worldwide	16 A	3.3 kW	1P+N
	Vertical, 0U	230	LAM, EMEA, GCN, APJ	16 A	3.7 kW	1P+N
	Vertical, 0U	200 – 240	NAM, LAM	30 A	5.0 kW	1P+N
	Vertical, 0U	120 – 208	NAM	30 A	5.8 kW	1P+N
	Vertical, 0U	220 – 240	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1P+N
	Horizontal, 1U	208 – 230	Worldwide	10/15 A	2.5 kW	1P+N
	Horizontal, 1U	208 – 230	Worldwide	16 A	3.3 kW	1P+N
	Horizontal, 2U	200 – 240	NAM	30 A	5.0 kW	1P+N
	Horizontal, 2U	230	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1P+N
208 V three-phase input	Vertical, 0U	208	NAM	20 A, 3ø	5.7 kW	3P+N
	Vertical, 0U	208	NAM	20A, 3 φ	6.0 kW	3P+N
	Vertical, 0U	208	NAM	30 A, 3ø	8.6 kW	3P+N
	Vertical, 0U	208	NAM	60A, 3 φ	17.2 kW	3P+N
	Vertical, 0U	208	NAM	60A, 3 φ	17.2 kW	3P+N
	Vertical, 0U	200 – 240	NAM	50 A, 3ø	12.5 kW	3P+N
	Vertical, 0U	200 – 240	NAM	50 A, 3ø	12.5 kW	3P+N
400 – 415 V three-phase input	Vertical, 0U	400 – 415	Worldwide	16 A, 3ø	11 kW	3P+N

\* See pages 20 – 21 for inlet power cord options



Switched Rack PDUs provide advanced load monitoring combined with remote on/off switching control of individual outlets for power cycling, delayed power sequencing, and outlet use management.

Input plug type	Output receptacles	Cord length	APC SKU
NEMA 5-15P	(8) 5-15	3.0 m	AP8931
NEMA L5-20P	(24) 5-20	3.0 m	AP8930
NEMA L5-20P	(24) 5-15	3.0 m	AP8930J
NEMA L5-30P	(24) 5-20	3.0 m	AP8932
NEMA 5-15P	(8) 5-15	3.6 m	AP7900
NEMA L5-20P	(8) 5-20	3.6 m	AP7901
NEMA L5-30P	(16) 5-20	3.6 m	AP7902
NEMA L5-30P	(16) 5-15	3.6 m	AP7902J
IEC-320 C14*	(16) C13	3.0 m	AP7950
NEMA L6-20P	(7) C13 (1) C19	3.0 m	AP8958NA3
IEC-320 C20*	(7) C13 (1) C19	Inlet	AP8958
IEC-309 16 A	(7) C13 (1) C19	3.0 m	AP8958EU3
NEMA L6-20P	(21) C13 (3) C19	3.0 m	AP8959NA3
IEC-320 C20*	(21) C13 (3) C19	Inlet	AP8959
IEC-309 16 A	(21) C13 (3) C19	3.0 m	AP8959EU3
NEMA L6-30P	(21) C13 (3) C19	3.0 m	AP8941
NEMA L14-30P	(16) 5-20 (2) C19 (12) C13	3.0 m	AP8970
IEC-309 32 A	(21) C13 (3) C19	3.0 m	AP8953
IEC-320 C14*	(8) C13	2.0 m	AP7920
IEC-320 C20*	(8) C13	2.4 m	AP7921
NEMA L6-30P	(16) C13	3.6 m	AP7911A
IEC-309 32 A	(16) C13	3.6 m	AP7922
NEMA L21-20P	(21) C13 (3) C19	1.8 m	AP8961
NEMA L21-20P	(24) 5-20	3.0 m	AP8962
NEMA L21-30P	(21) C13 (3) C19	1.8 m	AP8965
IEC-309 60 A 3P & E	(20) C13 (12) C19	2 m	AP8966
IEC-309 60 A 3P & E	(42) C13 (6) C19	2 m	AP8967
CS8365C	(21) C13 (3) C19	1.0 m	AP7968
CS8365C	(21) C13 (3) C19	3.0 m	AP7998
IEC-309 16 A 3P+N+PE	(21) C13 (3) C19	1.8 m	AP8981

## Metered-by-outlet with Switching Rack PDUs

Voltage	Mounting U-space	Nominal voltage	Region	Input circuit	Nominal power	Input
100 – 120 V input	Vertical, 0U	100-120	NAM, Japan	30 A	2.9 kW	1
200 – 240 V input	Vertical, 0U	208	NAM	20 A	3.3 kW	1
	Vertical, 0U	100 – 240	Worldwide	20 A	3.3 kW	1
	Vertical, 0U	230	LAM, EMEA, GCN, APJ	16 A	3.7 kW	1
	Vertical, 0U	200 – 240	NAM, Japan LAM	30 A	5.0 kW	1
	Vertical, 0U	220 – 240	LAM, EMEA, GCN, APJ	32 A	7.4 kW	1
208 V three-phase input	Vertical, 0U	208	NAM	20 A, 3 $\phi$	5.7 kW	1
400 – 415 V three-phase input	Vertical, 0U	400 – 415	Worldwide	16 A, 3 $\phi$	11 kW	1
























\* See pages 20 – 21 for inlet power cord options



## Rack-mount transfer switch

Input voltage	Mounting U-space	Input circuit	Input plug type
100 V	1	20 A	NEMA L5-20P
100 – 120 V	1	15 A	NEMA 5-15P
120 V	1	20 A	NEMA L5-20P
120 V	2	30 A	NEMA L5-30P
200 – 208 V	1	20 A	NEMA L6-20P
200 – 208 V	2	30 A	NEMA L6-30P
208 V	2	30 A	NEMA L6-30P
208 – 230 V	1	15 A	IEC-C14 Inlet
200 – 230 V	1	20 A	IEC-C20 Inlet
230 V	1	16 A	(2) IEC-309
230 V	2	32 A	IEC-309









Metered-by-outlet with Switching Rack PDUs provide real-time remote monitoring of each individual outlet combined with remote on/off outlet switching control to empower IT professionals with the necessary tools for complete control of their power distribution and advanced data center energy management.

Input plug type	Output receptacles	Cord length	APC SKU
NEMA L5-30P 	(24) 5-20 	3.0 m	AP8632
NEMA L6-20P 	(21) C13  (3) C19 	3.0 m	AP8659NA3
IEC-320 C20* 	(21) C13  (3) C19 	Inlet	AP8659
IEC-309 16 A 	(21) C13  (3) C19 	3.0 m	AP8659EU3
NEMA L6-30P 	(21) C13  (3) C19 	3.0 m	AP8641
IEC-309 32 A 	(21) C13  (3) C19 	3.0 m	AP8653
NEMA L21-20P 	(21) C13  (3) C19 	1.8 m	AP8661
IEC-309 16 A 3P+N+PE 	(21) C13  (3) C19 	1.8 m	AP8681



Output receptacles	Cord length	APC SKU
(8) 5-15	2.4 m	AP7752J
(8) 5-15	2.4 m	AP7750A
(10) 5-20	2.4 m	AP7752
(16) 5-20	2.4 m	AP7753
(8) C13, (1) C19	2.4 m	AP7730
(16) C13, (2) C19	2.4 m	AP7732
(1) L6-30R	2.4 m	AP7731
(12) C13	None	AP7721
(8) C13, (1) C19	None	AP7723
(1) IEC-309	0.9 m	AP7722A
(16) C13, (2) C19	2.4 m	AP7724





## Locking IEC power cords

PDU input		Server input	Cord length	APC SKU
IEC C14 straight		IEC-C13 	0.6 m 1.2 m 1.8 m	6 6 6
IEC C14 (three right, three left)		IEC-C13 	0.6 m 1.2 m 1.8 m	6 6 6
IEC C20 straight		IEC-C19 	0.6 m 1.2 m 1.8 m	6 6 6
IEC C20 (three right, three left)		IEC-C19 	0.6 m 1.2 m 1.8 m	6 6 6

\*-NA and -WW designation are required in SKU numbers for AP870xS and AP870xR, e.g., AP8702S-NA.

## Input power cords

Input power cords for devices with C14 or C20 inlet

Nonlocking PDU input	Plug type	Cord length	APC SKU
IEC-C19 straight	NEMA L6-20P	3.7 m	AP9871
IEC-C19 straight	NEMA 5-20P	2.5 m	AP9872
IEC-C19 straight	NEMA L5-20P	2.5 m	AP9873
IEC-C19 straight	Shuko (CEE 7) 	2.5 m	AP9875
IEC-C19 straight	IEC-309	2.5 m	AP9876
IEC-C13 straight	NEMA 5-15P	2.4 m	AP9893
IEC-C13 straight	NEMA L5-15P	2.4 m	AP9894
IEC-C19 straight	UK (BS1363) 	2.4 m	AP9895
IEC-C19 straight	NEMA L6-30P 	2.4 m	AP9896
IEC-C19 straight	Australia AS3112 	3.7 m	AP9897

## Bracket kits

Description	APC SKU
Vertical, 0U mounting brackets for Dell® and Rittal® enclosures	AP7400*
Vertical, 0U mounting brackets for HP® enclosures	AP7406*
NetShelter™ SX and third-party racks, 0U accessory and PDU bracket	AR7711
Horizontal to vertical, 0U mounting bracket for horizontal 1U Rack PDUs	AR8417

\*Brackets for AP7000 Series Rack PDUs only.





Cords per SKU

APC SKU



Locking IEC power cords provide a mechanism to secure power cord connections to the Rack PDU when used with any AP8000 Series unit.

Cords per SKU	APC SKU
6	AP8702S*
6	AP8704S*
6	AP8706S*
6	AP8702R*
6	AP8704R*
6	AP8706R*
6	AP8712S
6	AP8714S
6	AP8716S
6	AP8712R
6	AP8714R
6	AP8716R

Locking PDU input	Plug type	Cord length	APC SKU
IEC-C19 straight	NEMA 5-15P	3.0 m	AP8750
IEC-C19 straight	NEMA 5-20P	3.0 m	AP8751
IEC-C19 straight	NEMA L5-20P	3.0 m	AP8752
IEC-C19 straight	NEMA L5-20P	3.0 m	AP8752J
IEC-C19 straight	NEMA L6-20P	3.0 m	AP8753
IEC-C19 straight	NEMA L6-20P	3.0 m	AP8753J
IEC-C19 straight	Australia AS3112 	3.0 m	AP8754
IEC-C19 straight	Shuko (CEE 7) 	3.0 m	AP8755
IEC-C19 straight	UK (BS1363) 	3.0 m	AP8756
IEC-C19 straight	China (16A) 	3.0 m	AP8757
IEC-C19 straight	IEC-309	3.0 m	AP8758
IEC-C19 straight	Rewireable	3.0 m	AP8759

## Environmental

Description	Connector type	Cord length	APC SKU
Temp. sensor	RJ-45	3.9 m	AP9335T
Temp. and humidity sensor	RJ-45	3.9 m	AP9335TH

Note: Environmental sensors only compatible with AP8000 Series Rack PDUs. Each Rack PDU includes one environmental sensor port for an optional sensor.

## Choose a rack system

	Part number	Description	Alternate option
Premium data center InfraStruxure and Server room	AR3100	NetShelter SX 42U 600 mm wide x 1070 mm deep enclosure	TAA W X SP
	AR3104	NetShelter SX 24U 600 mm wide x 1070 mm deep enclosure	SP
	AR3105	NetShelter SX 45U 600 mm wide x 1070 mm deep enclosure with sides, black	TAA X SP
	AR3107	NetShelter SX 48U 600 mm wide x 1070 mm deep enclosure	TAA X SP
	AR3150	NetShelter SX 42U 750 mm wide x 1070 mm deep enclosure	W X SP
	AR3155	NetShelter SX 45U 750 mm wide x 1070 mm deep enclosure with sides, black	SP
	AR3157	NetShelter SX 48U 750 mm wide x 1070 mm deep enclosure	X SP
	AR3300	NetShelter SX 42U 600 mm wide x 1200 mm deep enclosure	W X SP
	AR3305	NetShelter SX 45U 600 mm wide x 1200 mm deep enclosure with sides, black	SP
	AR3307	NetShelter SX 48U 600 mm wide x 1200 mm deep enclosure	W X SP
	AR3350	NetShelter SX 42U 750 mm wide x 1200 mm deep enclosure	W X SP
	AR3355	NetShelter SX 45U 750 mm wide x 1200 mm deep enclosure with sides, black	X SP
	AR3357	NetShelter SX 48U 750 mm wide x 1200 mm deep enclosure	X SP
	AR3140	NetShelter SX 42U 750 mm wide x 1070 mm deep networking enclosure with sides	W
	AR3340	NetShelter SX 42U 750 mm wide x 1200 mm deep networking enclosure with sides	W
	AR3347	NetShelter SX 48U 750 mm wide x 1200 mm deep networking enclosure with sides	
	AR3200	NetShelter SX Colocation 2 x 20U 600 mm wide x 1070 mm deep enclosure with sides, black	
	AR3810	NetShelter AV 42U 600 mm wide x 825 mm deep enclosure with sides and 10-32 threaded rails, black	
	AR3812	NetShelter AV 42U 600 mm wide x 825 mm deep enclosure 10-32 threaded rails no sides/roof/doors, black	
	AR3814	NetShelter AV 24U 600 mm wide x 825 mm deep enclosure with sides and 10-32 threaded rails, black	
AR2144BLK	NetShelter VX Seismic 42U enclosure deepsides, black		
AR2145BLK	NetShelter VX Seismic 42U enclosure without sides, black		



### ATO options

- Without sides add X609
- Without doors add X610
- Without sides or doors, add X617, e.g., AR3100X609 = 24 in. wide x 42 in. deep without sides



	Part number	Description	Alternate option
Data center, server room, network closet	AR2400FP1	NetShelter SV 42U 600 mm wide x 1060 mm deep enclosure with sides, black, single rack unassembled	
	AR2400	NetShelter SV 42U 600 mm wide x 1060 mm deep enclosure with sides, black	
	AR2401	NetShelter SV 42U 600 mm wide x 1060 mm deep enclosure without sides, black	
	AR2407	NetShelter SV 48U 600 mm wide x 1060 mm deep enclosure with sides, black	
	AR2480	NetShelter SV 42U 800 mm wide x 1060 mm deep enclosure with sides, black	
	AR2487	NetShelter SV 48U 800 mm wide x 1060 mm deep enclosure with sides, black	
	AR2500	NetShelter SV 42U 600 mm wide x 1200 mm deep enclosure with sides, black	
	AR2507	NetShelter SV 48U 600 mm wide x 1200 mm deep enclosure with sides, black	
	AR2580	NetShelter SV 42U 800 mm wide x 1200 mm deep enclosure with sides, black	
	AR2587	NetShelter SV 48U 800 mm wide x 1200 mm deep enclosure with sides, black	
	AR201	NetShelter 2 Post Rack 45U #12-24 threaded holes, black	
	AR203A	NetShelter 4 Post Open Frame Rack 44U square holes	
	AR204A	NetShelter 4 Post Open Frame Rack 44U #12-24 threaded holes	
	VDIM33174	Overhead Zone Cabling 4U 19 in (482 mm) with patch frame	
Data center, server room, network closet	AR4000MV	NetShelter CX mini soundproofed server room in a box enclosure	
	AR4018A	NetShelter CX 18U secure soundproof server room in a box enclosure	
	AR4024A	NetShelter CX 24U secure soundproof server room in a box enclosure	
	AR4038A	NetShelter CX 38U secure soundproof server room in a box enclosure	
Remote locations wall-mounted	AR100	NetShelter WX 13U with square or threaded hole 12-24 vertical mounting rail glass front door, black	
	AR100HD	NetShelter WX 13U with square or threaded hole 12-24 vertical mounting rail vented front door, black	
	AR106	NetShelter WX 6U with square vertical mounting rail vented front door, black	
	AR109	NetShelter WX 9U with square vertical mounting rail vented front door, black	
	AR112	NetShelter WX 12U with square vertical mounting rail vented front door, black	

X options without sides add X609; without doors add X610; without sides/doors add X617

TAA TAA compliant add TAA

W White color add W

SP Shock packaging for up to 2000 lb of equipment add SP





## KVM switches

KVM switches with CAT-5 type connection	APC SKU
32-port digital enterprise IP KVM with virtual media, two remote users	KVM2132P
16-port digital enterprise IP KVM with virtual media, two remote users	KVM2116P
16-port digital IP KVM with virtual media one remote user	KVM1116P
16-port analog enterprise KVM with virtual media, two local users	KVM0216A
16-port analog KVM, one local user	KVM0116A
8-port analog KVM, one local user	KVM0108A
KVM USB server module	KVM-USB
KVM PS/2 server module	KVM-PS2
KVM USB server module with virtual media	KVM-USBVM
KVM PS/2 server module with virtual media	KVM-PS2VM
KVM USB server module with virtual media and CAC support	KVM-USBVMCAC
KVM serial server module	KVM-SERIAL
KVM to APC Rack PDU power management cable	AP5641
KVM 1U bracket for rear mount behind Rack LCD console	KVM-LCDMOUNT
KVM access software license upgrade to enterprise (1,024 nodes)	SEKVM1024N

KVM switches with coaxial type connection	APC SKU
8-port analog KVM	AP5201
16-port analog KVM	AP5202



Rear view of AP5202

Cables for coaxial type connection	0.6 m	0.9 m	0.5 m	3.7 m	7.6 m
KVM USB cable			AP5253	AP5257	AP5261
KVM PS/2 cable		AP5264	AP5250	AP5254	AP5258
KVM Daisy-chain cable	AP5262		AP5263		



## Rack LCD consoles

Rack LCD consoles	APC SKU
17" Rack LCD console	AP5717
19" Rack LCD console	AP5719

- Ultra-thin 17" or 19" LCD monitor
- Integrated keyboard with number pad
- USB port for external media
- Space-saving 1U design
- Touchpad mouse
- Easy to install
- Localized keyboard versions available; check [www.apc.com](http://www.apc.com) for availability



Rack LCD console with integrated KVM switch	Cable length	APC SKU
17" Rack LCD console with integrated 8-port KVM switch	1.8 m	AP5808
17" Rack LCD console with integrated 16-port KVM switch	1.8 m	AP5816
KVM USB cable*	1.8 m	AP5821
KVM USB cable	3.0 m	AP5822
KVM USB cable	5.2 m	AP5823

\* KVM PS/2 cables available, see "Cables for coaxial type connection" on lower left.







































Rear view of AP5816

The functionality of a Rack LCD console and an analog KVM switch in one convenient package optimizes U-space in the rack environment and eliminates cable clutter. Daisy-chain with AP5201 or AP5202 for additional ports.

## Receptacle and plug types

Voltage	Amps	Typical rating	# Wires
100 – 120 V	15 A	1.4 kW	3
	20 A	1.9 kW	3
	20 A	1.9 kW	3
	30 A	2.9 kW	3
200 – 240 V	15 A	2.5 kW	3
	16 A	3.7 kW	3
	20 A	3.3 kW	3
	20 A	3.3 kW	3
	30 A	5.0 kW	3
	32 A	7.4 kW	3
120 – 208 V	30 A	5.8 kW	3
208 V three-phase	20 A	5.8 kW	5
	30 A	8.7 kW	5
	50 A	12.5 – 14.4 kW	4
	60 A	16.2 – 17.3 kW	4
400 – 415 V three-phase	16/20 A	11 kW	5
	32 A	22 kW	5
	40 A	23 kW	5



Plug name		Mating connector	
NEMA 5-15P		NEMA 5-15R	
NEMA 5-20P		NEMA 5-20R	
NEMA L5-20P		NEMA L5-20R	
NEMA L5-30P		NEMA L5-30R	
IEC-C14		IEC-C13	
IEC-309 16 A, 2P, 3W		IEC-309 16 A, 2P, 3	
IEC-C20		IEC-C19	
NEMA L6-20P		NEMA L6-20R	
NEMA L6-30P		NEMA L6-30R	
IEC-309 32 A, 2P, 3W		IEC-309 32 A, 2P, 3W	
NEMA L14-30P		NEMA L14-30R	
NEMA L21-20P		NEMA L21-20R	
NEMA L21-30P		NEMA L21-30R	
CS8365C		CS8364C, CS8369	
IEC-309 60 A, 3P, 4W		IEC-309 60 A, 3P, 4W	
IEC-309 16/20 A, 3P, 5W		IEC-309 16/20 A, 3P, 5W	
IEC-309 32 A, 3P, 5W		IEC-309 32 A, 3P, 5W	
IEC-309 60 A, 3P, 5W		IEC-309 60 A, 3P, 5W	

## Extended warranties\*

APC offers extended warranties that provide a continuation of coverage beyond the original factory warranty period. This service extends the security and protection provided by your factory warranty and ensures that your product will be repaired or replaced if necessary, at no additional charge. Extended warranties are available for purchase in one-year increments.

This service is available for all Rack PDUs, Rack ATs, Rack LCD consoles, and KVM switches, and includes:

- Technical support from product-specific support engineers to assist with questions or concerns
- Cross shipment of parts or replacement product — no waiting for your critical equipment

Add an extended warranty to your shopping cart on [www.apc.com](http://www.apc.com) for new purchases or purchase an extended warranty for your existing product.

\*Check with your local sales representative for extended warranty services available.

Life Is On



Find out more:

The Rack PDU Selector is located at:  
[www.apc.com/tools/selector/pdu](http://www.apc.com/tools/selector/pdu)

Test drive a metered or switched Rack PDU at:  
[testdrive.apc.com](http://testdrive.apc.com)

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